

Download Sand Casting Design Guide

Sand casting, also known as sand molded casting, is a metal casting process characterized by using sand as the mold material. The term "sand casting" can also refer to an object produced via the sand casting process. Sand castings are produced in specialized factories called foundries. Over 60% of all metal castings are produced via sand casting process. Sand casting is a type of expendable mold casting that utilizes expendable sand molds to form complex metal parts that can be made of nearly any alloy. Casting Quality Industrial provide sand casting, investment casting, die casting, permanent mold gravity casting and shell casting and CNC Machining service for metal casting industry, Mainly applied in machinery spare parts, pipe fittings and valves, pump industry. Outline • Sand Casting, Investment Casting, Die Casting • Basics and countermeasures • Phase Change, Shrinkage • Heat Transfer • Pattern Design